

LPD lipase Polyclonal Antibody
Catalog # AP70769**Specification**

LPD lipase Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q6XZB0
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

LPD lipase Polyclonal Antibody - Additional Information**Gene ID** 149998**Other Names**

LIPI; LPDL; PRED5; Lipase member I; LIPI; Cancer/testis antigen 17; CT17; LPD lipase; Membrane-associated phosphatidic acid-selective phospholipase A1-beta; mPA-PLA1 beta

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

LPD lipase Polyclonal Antibody - Protein Information**Name** LIPI**Synonyms** LPDL**Function**

Hydrolyzes specifically phosphatidic acid (PA) to produce 2- acyl lysophosphatidic acid (LPA; a potent bioactive lipid mediator) and fatty acid. Does not hydrolyze other phospholipids, like phosphatidylserine (PS), phosphatidylcholine (PC) and phosphatidylethanolamine (PE) or triacylglycerol (TG).

Cellular Location

[Isoform 1]: Cell membrane. Secreted Note=May associate with lipid draft.

Tissue Location

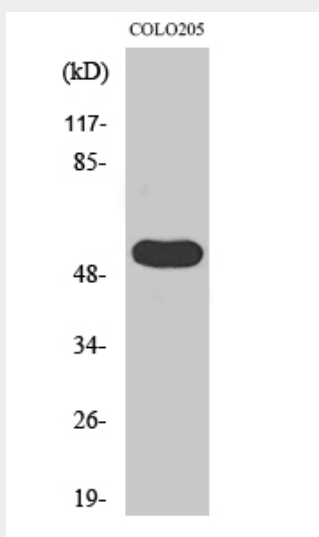
Expressed in testis. Expressed exclusively at the connecting piece of the sperm.

LPD lipase Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LPD lipase Polyclonal Antibody - Images



Western Blot analysis of various cells using LPD lipase Polyclonal Antibody

LPD lipase Polyclonal Antibody - Background

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